

**RECEIVED  
CENTRAL FAX CENTER**

**MAY 30 2006**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of: Dany Sylvain

Serial No. 10/723,831

Filed: 11/26/2003

Examiner: Nguyen, Khai Minh

Art Unit: 2687

**For: CALL TRANSFER FOR AN INTEGRATED PACKET AND WIRELESS  
SERVICE USING A TEMPORARY DIRECTORY NUMBER**

Mail Stop Amendment  
Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

Sir:

**DECLARATION UNDER 37 C.F.R. § 1.131 OF DANY SYLVAIN**

1. My name is Dany Sylvain and I am an employee of Nortel Networks (hereinafter "Nortel"), the assignee of the present application. I have been employed by Nortel since 1981. As part of my obligations under my Employment Agreement, I am obligated to assign any rights to inventions to the present assignee.
2. I am the inventor of Patent Application Serial No. 10/723,831 entitled "CALL TRANSFER FOR AN INTEGRATED PACKET AND WIRELESS SERVICE USING A TEMPORARY DIRECTORY NUMBER" (hereinafter "Patent Application").
3. I have reviewed claims 1-39 presently pending in the Patent Application (hereinafter "Present Invention").
4. At least as early as August 22, 2003, I conceived of the Present Invention as evidenced by the Invention Disclosure entitled "Routing of Wireline Calls to a Temporary Wireless Number", which is attached to this Declaration as Appendix A.
5. On August 22, 2003, I completed the Invention Disclosure and submitted it to the Intellectual Property Law Department at Nortel.
6. On or about September 25, 2003, Nortel sent instructions to Benjamin S. Withrow, registered U.S. patent attorney, Registration No. 40,876, of the law firm of Withrow &

**BEST AVAILABLE COPY**

Terranova, PLLC, instructing him to prepare and file a patent application for the Invention Disclosure. I was copied on the instructions.

7. Starting on or about September 26, 2003 and continuing through November 6, 2003, I met with the attorney Benjamin S. Withrow and worked with him to prepare the Patent Application claiming the invention disclosed in the Invention Disclosure.

8. On November 6, 2003, I received a first draft of the Patent Application (hereinafter "First Draft") from Benjamin S. Withrow's assistant, Jennifer Alkove, as evidenced by the e-mail attached to this Declaration as Appendix B.

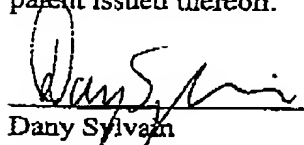
9. On or about November 10, 2003, I sent very minor comments to Benjamin S. Withrow regarding the First Draft.

10. On or about November 11, 2003, I received a copy of the revised Patent Application and the inventor declaration and assignment document from Benjamin S. Withrow's assistant, Jennifer Alkove.

11. On or about November 19, 2003, I returned the signed inventor declaration and assignment document to the attorney, Benjamin S. Withrow.

12. Upon information and belief, the Patent Application was filed at the U.S. Patent and Trademark Office on November 26, 2003.

13. I hereby declare that all declarations made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

  
Dany Sylva

11/5/06  
Date

## Appendix A

7000-644  
313**NORTEL  
NETWORKS****DOCKETED**

4006 E. Highway 54  
Dept. N237, MS D16/02/0E2  
Network Center 2  
Durham, North Carolina 27713  
Tel 919.997.3479  
Fax 919.997.6659  
nwitcher@nortelnetworks.com

www.nortelnetworks.com

John R. Witcher, III  
Senior Counsel

**NORTEL NETWORKS CONFIDENTIAL &  
PRIVILEGED COMMUNICATION**

September 25, 2003

VIA FEDERAL EXPRESS

Mr. Benjamin Withrow, Esq.  
Withrow & Terranova  
201 Shannon Oaks Circle  
Suite 200  
Cary, NC 27511

Re:

*Title: Routing of Wireline Calls to a Temporary Wireless Number*

Dear Ben:

Nortel Networks would like to retain you to prepare and file in the United States Patent and Trademark Office (USPTO) a patent application directed to the invention disclosed in the enclosed invention disclosure by the above-referenced filing date. The application should be prepared according to Nortel Networks guidelines in accordance with the predetermined fee we have agreed with your firm. If you are unable to perform the requested work, please advise me immediately.

In addition to the invention disclosure, an invention disclosure Review Summary document is enclosed for your consideration. We request that you contact the primary inventor, Dany Sylvain, at [redacted] within two weeks of receiving this letter. Please ensure that the inventor(s) are advised of their responsibilities regarding their duty of candor to the USPTO, as well as any other relevant rules and/or laws including the best mode requirement.

Questions pertaining to substantive issues associated with the application should be addressed with me, while administrative issues associated with the application should be addressed with Theresa Boyce. Please be sure that all communications associated with the application, including billing statements and the application itself bear the above-referenced disclosure number.

Please send a substantially complete and final draft of the application to me along with a completed Nortel Networks Outsource's Patent Application Checklist at least 10 days prior to the above-referenced filing date to provide Nortel Networks' Intellectual Property Law Group sufficient opportunity to review the application prior to filing. You should seek to obtain the signatures on the formal papers from all inventors directly.

Ben Withrow  
September 25, 2003  
Page 2

Please confirm receipt of this disclosure via facsimile to the above-identified number.  
Please include your assigned reference number.

Upon filing the application with the USPTO, immediately fax a copy of the application transmittal letter to me, so that we have a record that the application has been filed. Thereafter, please send me a hardcopy of the application as filed along with an electronic copy in Microsoft Word 6.0 readable format on a 3 1/2" floppy disk.

Should you have any questions, please call me at (919) 997-3479.

Very truly yours,



Rick Witcher

Enclosures:

Review Summary  
Patent Application Outsource Checklist

JRW:slw

cc: Dany Sylvain

## Nortel Networks Confidential &amp; Privileged Information

AUG 22 2003

## Invention Disclosure Submission Reply

<b>Disc No:</b>		<b>Received Date:</b>	22 aug 2003
<b>Disc Title:</b>	Routing of wireline calls to a temporary wireless number		

## Inventors

Global Id	Name	Work Info	Home Phone
	<b>HR Name:</b> SYLVAIN, DANY <b>Known As:</b> DANY		

## Attachments

File Name	File Type	File Comments
Enhanced_WLAN_to_wireless_call_handoff_VoIP.ppt	Microsoft Powerpoint (*.ppt)	

&lt;End of Attachments&gt;

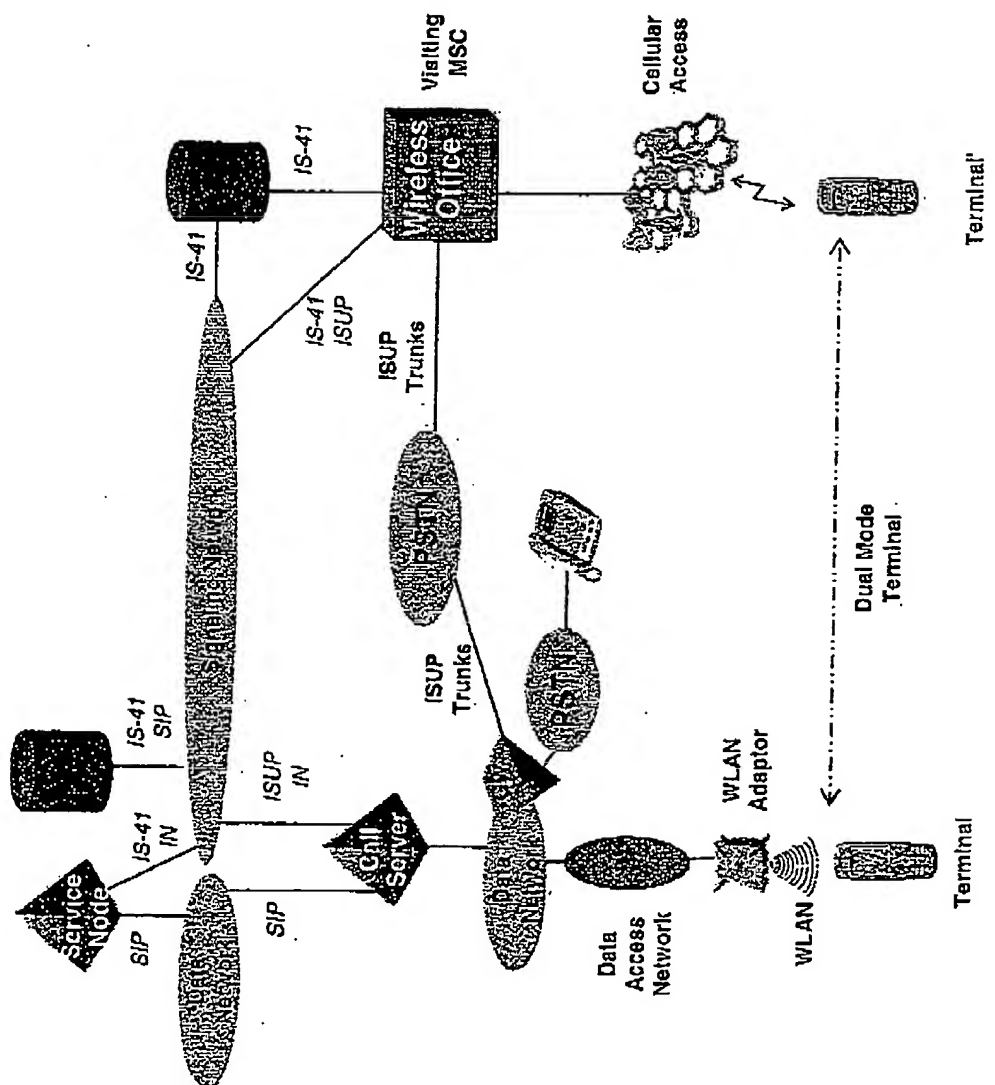
Were there additional inventors involved?		no		Was there contractor involvement?		no	
Name of Supervisor or Divisional Head				Name of PI			
STEVE ELLIOTT				SUE SPRADLEY			
LOB		WIRELINE NETWORKS**		Business Unit		CTL/VOIP	
Inception Date							
Has this invention been discussed with others? If so, please complete							
Inside Nortel - When				Outside Nortel - When		BEN WITHROW	
Inside Nortel - When				Outside Nortel - When		21 aug 2003	
NOA		no					
Are you aware of any (mmmm) future disclosures? Please provide date and details							

## Nortel Networks Confidential &amp; Privileged Information

<b>Keywords for Searching</b>		<b>Products that will use this invention</b>	
WLAN, dual mode handset, temporary number, wireless, SIP,			
<b>Does this invention arise from any arrangement involving an external organization?</b>		no	
<b>Is this invention relevant to a Standards Activity?</b>		<b>Internal Funding Project</b>	
no			

<b>Technical Information</b>	
<b>Brief Description of the Invention</b>	
This is an alternate method to achieve routing of a wireline call to a wireless network (using dual mode handset) using a temporary number. Initial application 16076RO was focused on interworking with legacy TDM switches. This new application is focussed on VoIP implementation where the network components are different and alternate mechanism is needed.	
<b>Problem Solved by the Invention</b>	
Routing of wireline call to a wireless terminal in a cellular network without requiring a pre-assigned cellular number. It relies instead on discovering the temporary number used in the cellular network.	
<b>Solutions that have been tried and why they didn't work</b>	
<b>Specify Elements (e.g. steps) that solved the problem and how they do it</b>	
See charts	
<b>Commercial value of the invention to Nortel and Nortel's major competitors</b>	

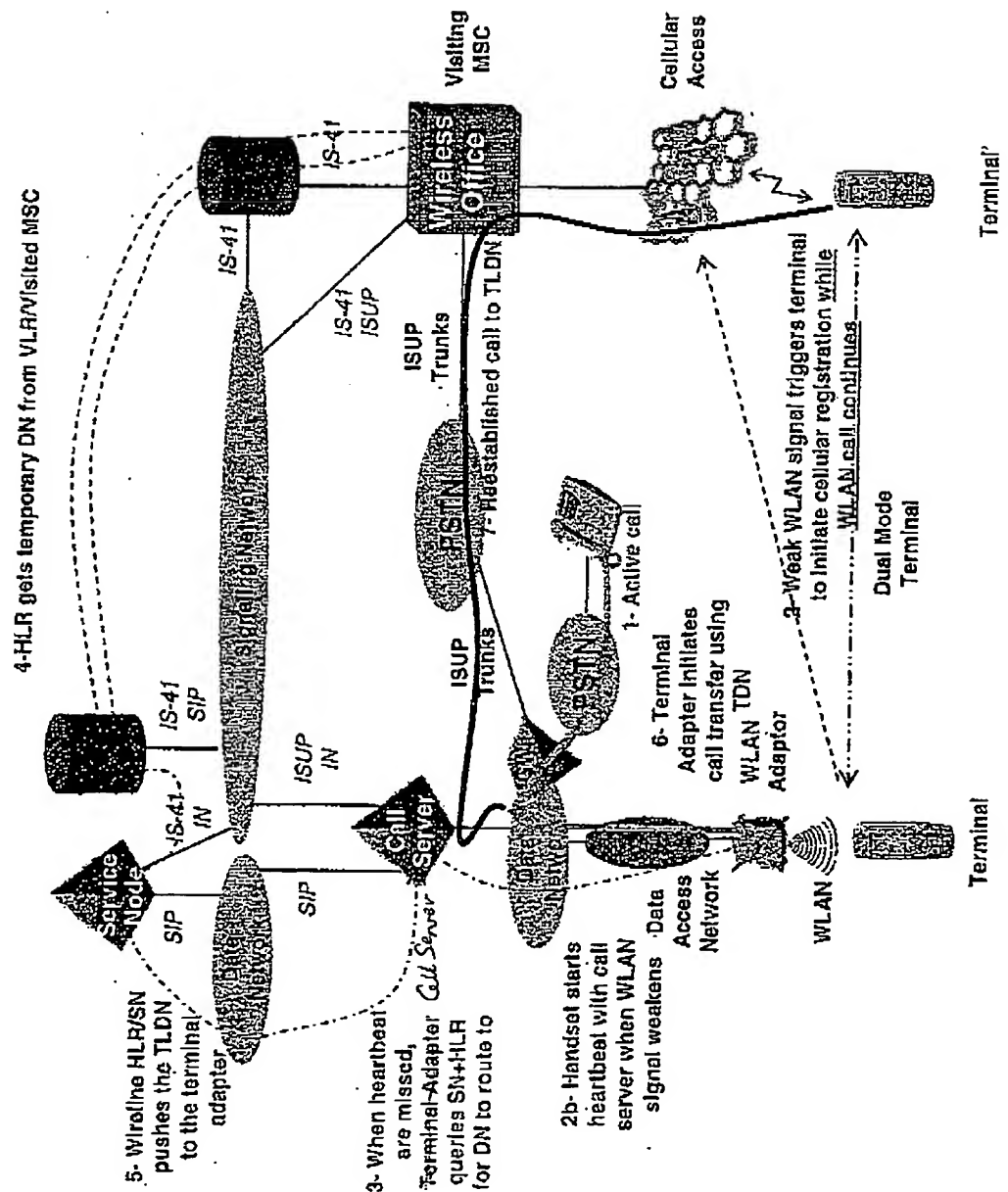
# Network



# Slide 1



# Key steps

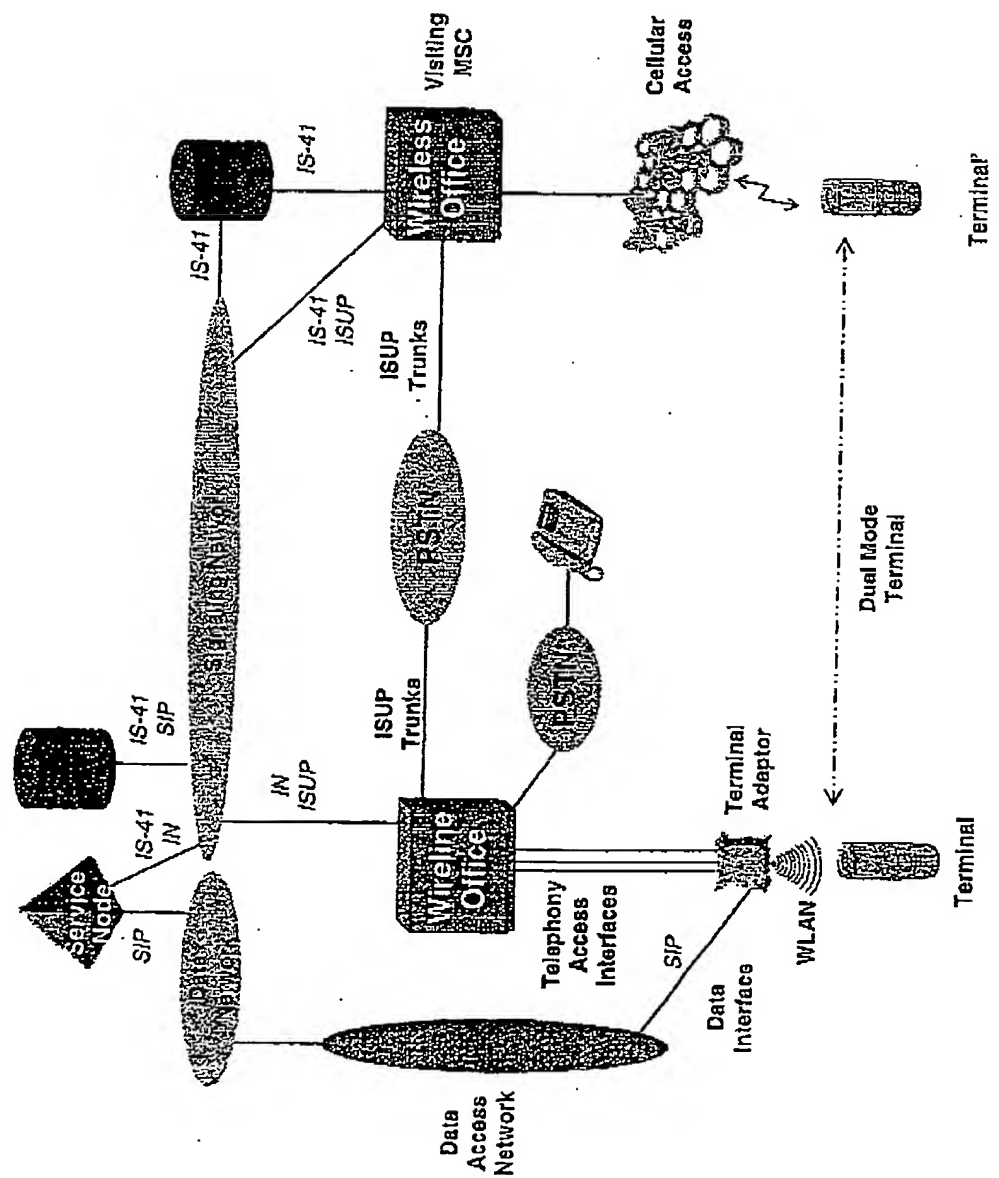


Slide 2

**Prior art details for reference**

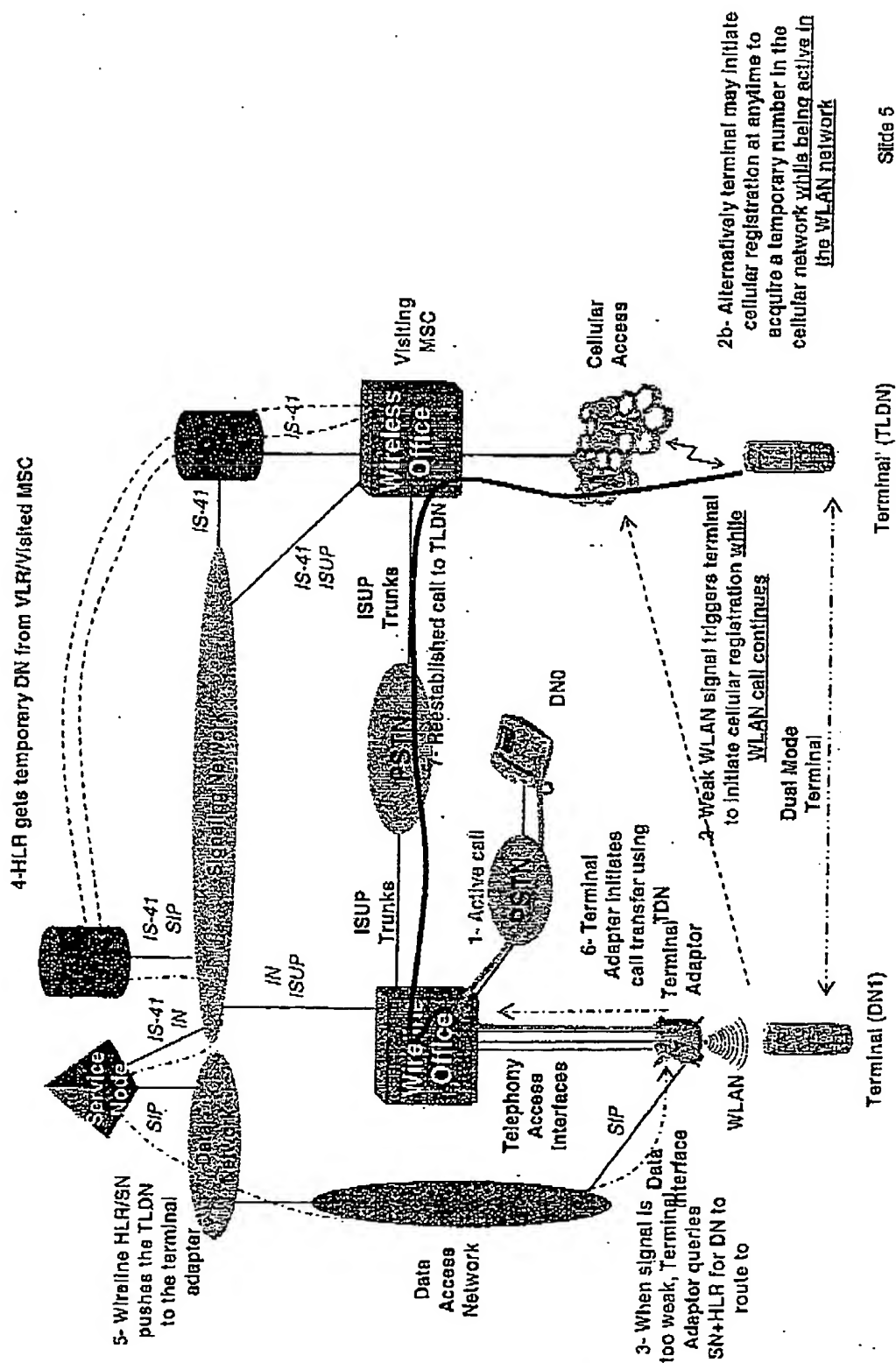
Slide 3

# Network

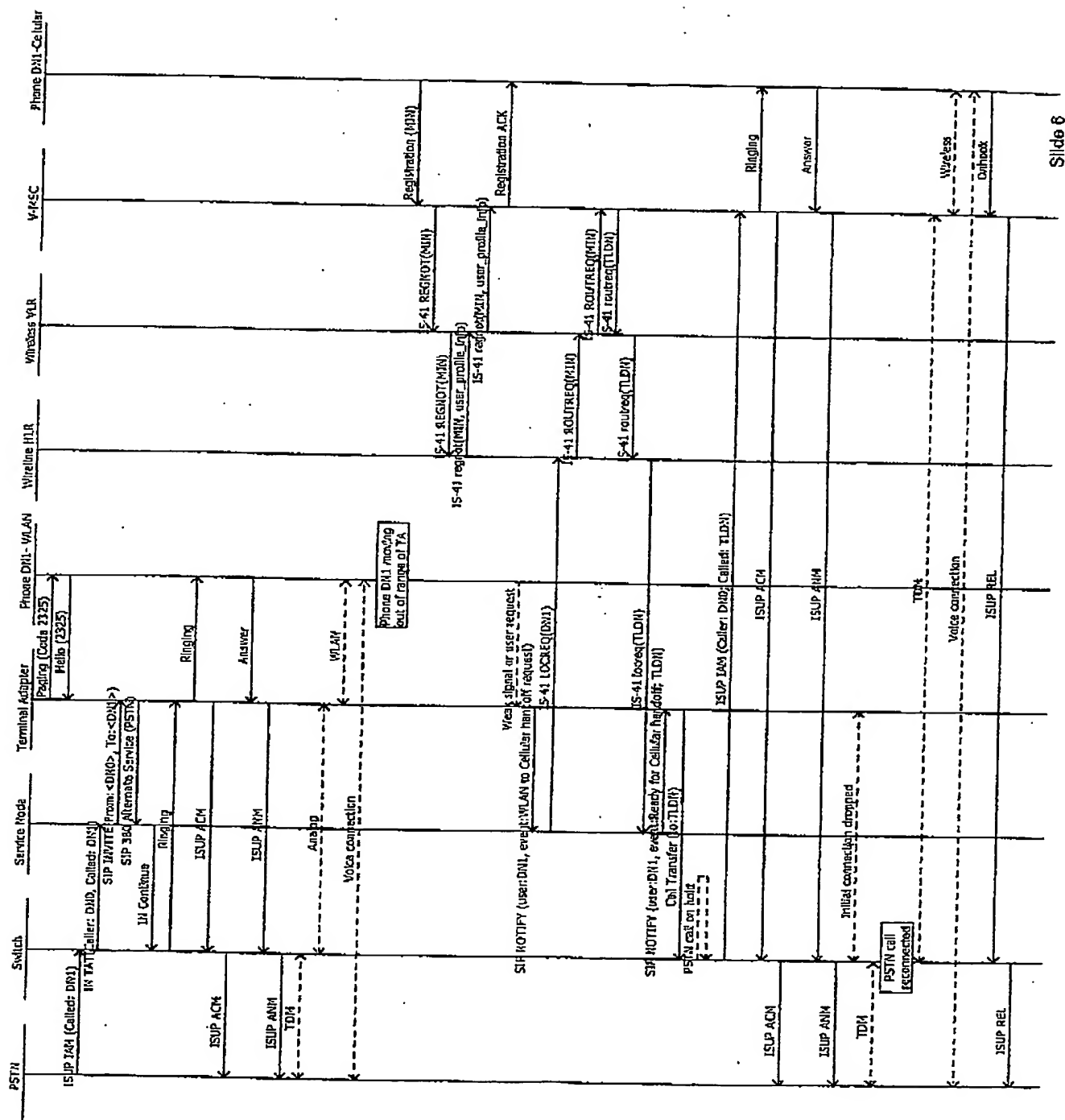


## Slide 4

# Improved Call handoff to wireless



## Slide 5



## Appendix B

**Jennifer Alkove**

---

**From:** Jennifer Rush Alkove  
**Sent:** Thursday, November 06, 2003 3:52 PM  
**To:** 'sylvain \_'  
**Cc:** Bsw (E-mail)  
**Subject:** First Draft of (our file 7000-313)

Dear Dany:

Please find attached a first draft of the above-referenced patent application. The .zip file is protected with the password that we have used in previous applications. If you have any problems opening the attached file, please let me know. Please review the application and drawings carefully for accuracy and completeness, making any changes, additions, or corrections, if any, directly on the application (or electronically with changes tracked).

Please recall that the application must clearly explain the best mode of practicing the invention for which protection is desired. Also, the application must explain to an individual of ordinary skill in the art how to make and use the invention. After reviewing the application, please forward any comments to Ben Withrow and me. We will then send you a revised draft of the application, along with formal paperwork prepared for your signature. After receipt of the signed paperwork and approval from Nortel's legal department, we will file the application.

Please do not hesitate to contact Ben Withrow or me should you have any questions regarding the application. Thank you for allowing us to be of service to you and for your prompt attention to this matter.

Best regards,

Jennifer Rush Alkove  
Withrow & Terranova, P.L.L.C.  
201 Shannon Oaks Circle, Suite 200  
Cary, NC 27511  
Ph: (919) 654-4520  
Fax: (919) 654-4521

**WARNING!** This message may contain information that is confidential and/or protected under the attorney-client or other lawfully recognized privilege. If you received this message in error or through inappropriate means, please REPLY to this message to notify the Sender that the message erroneously was received by you, and then permanently delete this message from all storage media, without forwarding or retaining a copy.



First Draft.zip (...)

## Appendix C



PAGE 24/24 \* RCVD AT 5/30/2006 8:48:22 AM [Eastern Daylight Time] \* SVR:USPTO-EFXRF-3/12 \* DNIS:2738300 \* CSID:919 654 4521 \* DURATION (mm-ss):07-26

**This Page is Inserted by IFW Indexing and Scanning  
Operations and is not part of the Official Record**

**BEST AVAILABLE IMAGES**

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- ☐ BLACK BORDERS
- ☐ IMAGE CUT OFF AT TOP, BOTTOM OR SIDES
- ☐ FADED TEXT OR DRAWING
- ☐ BLURRED OR ILLEGIBLE TEXT OR DRAWING
- ☐ SKEWED/SLANTED IMAGES
- ☐ COLOR OR BLACK AND WHITE PHOTOGRAPHS
- ☐ GRAY SCALE DOCUMENTS
- ☒ LINES OR MARKS ON ORIGINAL DOCUMENT
- ☐ REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY
- ☐ OTHER: \_\_\_\_\_

**IMAGES ARE BEST AVAILABLE COPY.**

**As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.**